

0280

OIIPE

#3

RAW SEQUENCE LISTING  
 PATENT APPLICATION: US/09/636,801

DATE: 08/17/2000  
 TIME: 13:50:42

Input Set : A:\462c4.app  
 Output Set: N:\CRF3\08162000\I636801.raw

3 <110> APPLICANT: Mitcham, Jennifer L.  
 4 King, Gordon E.  
 5 Algate, Paul A.  
 6 Fling, Steven P.  
 7 Retter, Marc W.  
 8 Fanger, Gary Richard  
 9 Reed, Steven G.  
 10 Vedvick, Thomas S.  
 11 Carter, Darrick  
 12  
 13 <120> TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR THE THERAPY AND  
 14 DIAGNOSIS OF OVARIAN CANCER  
 15  
 16 <130> FILE REFERENCE: 210121.462C4  
 C--> 18 <140> CURRENT APPLICATION NUMBER: US/09/636,801  
 19 <141> CURRENT FILING DATE: 2000-08-10  
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 26 <211> LENGTH: 461  
 27 <212> TYPE: DNA  
 28 <213> ORGANISM: Homo sapien  
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 33 catgatetca gctcgctgca acctccgcct cccacgttca agtgattctc ctgcctcagc 180  
 34 ctcccaagta gctgggatta caggcgcccg ccaccacgct cagctaattt tttttgtatt 240  
 35 tttagtagag acagggtttc accagggttg ccaggctgct cttgaactcc tgacctcagg 300  
 36 tgatccaccc gcctcggcct cccaaagtgc tgggattaca ggctgagcc accacgcccc 360  
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 40 <210> SEQ ID NO: 2  
 41 <211> LENGTH: 540  
 42 <212> TYPE: DNA  
 43 <213> ORGANISM: Homo sapien  
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 47 agaagaagat gcatttaaaa tatgggttat ttcaacttt ttatctgagg acaagtatcc 120  
 48 attaatatt gtgtcagaag agattgaata cctgcttaag aagcttacag aagctatggg 180  
 49 aggaggttgg cagcaagaac aatttgaaca ttataaaatc aactttgatg acagtaaaaa 240  
 50 tggcctttct gcattgggaa ttattgagct tattggaaat ggacagtta gcaaaggcat 300  
 51 ggaccggcag actgtgtcta tggcaattaa tgaagtctt aatgaactta tattagatgt 360  
 52 gttaaagcag ggttacatga tgaaaaagg ccacagacgg aaaaactgga ctgaaagatg 420  
 53 gtttgtaact aaaccaaca taatttctta ctatgtgagt gaggactgga aggataagaa 480  
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 57 <211> LENGTH: 461  
 58 <212> TYPE: DNA  
 59 <213> ORGANISM: Homo sapien

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Input Set : A:\462c4.app  
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64 catgatctca gctcgtcgca acctccgcct cccacgttca agtgattctc ctgcctcagc 180
65 ctcccaagta gctgggatta caggcgcccg ccaccacgct cagctaattt ttttgtatt 240
66 tttagtagag acagggtttc accagggttg ccaggctgct cttgaactcc tgacctcagg 300
67 tgatccaccc gcctcggcct cccaaagtgc tgggattaca ggcgtgagcc accacgcccg 360
68 gcccccagg ctgtttcttt tgtctttagc gtaaagctct cctgccatgc agtatctaca 420
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74 <213> ORGANISM: Homo sapien
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77 <221> NAME/KEY: misc_feature
78 <222> LOCATION: (1)...(531)
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84 ttctgagagc ttatagtcag tttcttttcc aagagcatct aattgttctt taagtctttg 180
85 gcataattct tctttttctg atgacttttt atgaagtaaa ctgatccctg aatcagggtgt 240
86 gttactgagc tgcagtgttt taattcttcc gtttaatagc tgcttctcag ggaccagata 300
87 gataagctta tttgatatt ccttaagctc ttgttgaagt tgtttgattt ccataatttc 360
88 caggtcacac tgtttatcca aaacttctag ctgactcttt tgtgtttgct ttctgatttg 420
W--> 89 gacatcttgt agtctgcctg agatctgctg atgntttcca ttcactgctt ccagttccag 480
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94 <212> TYPE: DNA
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99 cgatgaatgg agggccaaat atgtgggcta ttacatctga agaacgtact aagcatgata 120
100 aacagtttga taacctcaaa ccttcaggag gttacataac aggtgatcaa gcccgactt 180
101 ttttcttaca gtcaggctcg ccggccccgg ttttagctga aatatgggcc ttatcagatc 240
102 tgaacaagga tgggaagatg gaccagcaag agttctctat agctatgaaa ctcatcaagt 300
103 taaagttgca gggccaacag ctgcctgtag tcttccctcc tatcatgaaa caaccoccta 360
104 tgttctctcc actaatctct gctcgttttg ggatgggaaag catgcccaat ctgtccattc 420
105 atcagccatt gctccagtt gcacctatag caacaccctt gtcttctgct acttcaggga 480
106 ccagtattcc tcccctaattg atgcctgctc cccatgtgcc ttctgttagt a 531
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115 gttgagtagg tttctgagga tgcaccctgg cttgaagaga aagactggca ggattaacaa 120
116 tatctaaaaat ctactttgta ggagaaacca caggcaccag agctgccact ggtgctggca 180

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117 ccagctccac caaggccagc gaagagccca aatgtgagag tggcggtcag gctggcacca 240
118 gcaactgaagc caccactggt gctggcactg gcaactggcac tgttattggt actggctactg 300
119 gcaccagtgc tggcactgcc actctcttgg gctttggctt tagcttctgc tcccgcctgg 360
120 atccgggctt tggcccaggg tccgatatca gcttcgtccc agttgcaggg cccggcagca 420
121 ttctccgagc cgagcccaat gcccatcgca gctctaactc cgcccttagc cttggcttca 480
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131 agtcaggctt ctggaaccac aggtggccga aggtgtctca agccctaata ggcctcaatg 120
132 gcccgagggt cttcaagggt tcccatagcc ttttgggccc gcagggcac aaggactcgg 180
133 ttggtgctt gggcccgag agccttgctc tccctgagat cactaaagc ccgtaggggc 240
134 aaggctcgcc gtagagctgc caagctccag tcatcccaag agcctgaagc accaccacct 300
135 cggtatgtgg cctttttgca agggagggca aatgatttgg tgaagtacct tttggctaaa 360
136 gaccagacga agattcccat caagcgctcg gacatgctga aggacatcat caaagaatac 420
137 actgatgtgt accccgaaat cattgaacga gcaggctatt ccttgagaa ggtatttggg 480
138 attcaattga aggaattga taagaatgac cacttgatca ttcttctcag c 531
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143 <213> ORGANISM: Homo sapien
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146 <221> NAME/KEY: misc_feature
147 <222> LOCATION: (1)...(531)
148 <223> OTHER INFORMATION: n = A,T,C or G
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152 gttggtctcc aaaagtgtcg ggtatcatag cgtgagccac ctcacccagc caccaatttt 120
153 caatcaggaa gactttttcc ttcttcaaga agtgaagggt ttccagagta tagctacact 180
154 attgcttgcc tgagggtgac tacaaaattg cttgctaaaa ggtaggatg ggtaaaagaat 240
155 tagattttct gaatgcaaaa ataaaatgtg aactaatgaa ctttaggtaa tacatattca 300
156 taaaataatt attcacatat ttctgtatt atcacagaaa taatgtatga aatgctttga 360
157 gtttcttgga gtaaaactca ttactcatcc caagaaacca tattataagt atcactgata 420
158 ataagaacaa caggaccttg tcataaatc tggataagag aaatagtctc tgggtgtttg 480
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164 <213> ORGANISM: Homo sapien
166 <220> FEATURE:
167 <221> NAME/KEY: misc_feature
168 <222> LOCATION: (1)...(531)
169 <223> OTHER INFORMATION: n = A,T,C or G
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173 agggctcagt cctgttgagg aactctgggt ggtgctgtag aacagggccca ctcacagtgg 120

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174 ggtgcacaga ccagcacggc tctgtgacct gtttgttaca ggtccatgat gaggtaaaca      180
175 atacactgag tataaggggt ggttttagaaa ctcttacagc aatttgacaa agtaatcttc      240
176 tgtgcagtga atctaagaaa aaaattgggg ctgtatttgt atgttccttt ttttcatttc      300
177 atgttctgag ttacctattt ttattgcatt ttacaaaagc atccttccat gaaggaccgg      360
178 aagttaaaaa caaagcaggt cctttatcac agcactgtcg tagaacacag ttcagagtta      420
179 tccacccaag gagccagggg gctgggctaa accaaagaat tttgcttttg gttaatcatc      480
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190 tggagacatt caagcaaagg ttggacaact acttttccag aacagaaaag aaactcatgc      180
191 atcagaaaaa gtgactaata aaggtaccag aagaatatgg ctgcacaaat accagaatct      240
192 gatcagataa aacagtttaa ggaatttctg gggacctaca ataaacttac agagacctgc      300
193 tttttggact gtgttagaga cttcacaaac agagaagtaa aacctgaaga gaccacctgt      360
194 tcagaacatt gcttacagaa atatttataa atgacacaaa gaatatccat gagatttcag      420
195 gaatatcata ttcagcaaaa tgaagccctg gcagccaaag caggactcct tggccaacca      480
196 cgatagagaa gtctgatagg atgaactttt gatgaaagat tgccaacagc tgctttattg      540
197 gaaatgagga ctcatctgat agaatccctt gaaagcagta gccaccatgt tcaacctatc      600
198 gtcactgactg tttggcaaat ggaaccgctt ggagaaacaa aattgctatt taccaggaat      660
199 aatcacataa gaaggtctta ttgttcagtg aaataataag atgcaacatt tgttgaggcc      720
200 ttatgattca gcagcttggt cacttgatta gaaaaataaa ccattgtttc ttcaattgtg      780
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212 atgaagctag caagtgatga tatgataaaa taaacgtgga ggaataaaaa acacaagact      180
213 tggcataaga tatatccact tttgatatta aacttgtgaa gcatattctt cgacaaattg      240
214 tgaagcgtt cctgatcttg cttgttctcc atttcaaata aggaggcata tcacatccca      300
215 agagtaacag aaaaagaaaa aagacatttt tgcattttga gatgaaccaa agacacaaaa      360
216 caaaacgaac aaagtgtcat gtctaattct agcctctgaa ataaaccttg aacatctcct      420
217 acaaggcacc gtgatttttg taattctaac ctgaagaaat gtgatgactt ttgtggacat      480
218 gaaaatcaga tgagaaaact gtggtctttc caaagcctga actcccctga aaacctttgc      540
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229 aagatgatgc ttctgtttct cctaccataa ctgaagaaat ttcgctggaa gtcgtttgac 180
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231 cagcttccac agcatcttca tctggatgtt ttttttcaa agggctcact gaggaaactt 300
232 ctgattcaga ggtcgaagag tcactgtgat ttttctctc attttgctgc aaatttgctt 360
233 ctttgctgtc tgtgctctca ggcaacccat ttgttgcac gggggctgac aaagaaacct 420
234 ttggtcgatt aagtggcctg ggtgtcccag gccatttat attagacctc tcagtatagc 480
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236 t 541
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246 gggagggggag ggcgtcgggg ggggtggggg aggcgttccg gtccccaaga gaccgcgga 180
247 gggagggcgga ggcgtgtgag gactccggga agccatggac gtcgagaggc tccaggaggc 240
248 gctgaaagat tttgagaaga gggggaaaaa ggaagtgtgt cctgtcctgg atcagtttct 300
249 ttgtcatgta gccaaagact gagaaacaat gattcagtg tcccaattta aaggctattt 360
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261 <223> OTHER INFORMATION: n = A,T,C or G
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268 <210> SEQ ID NO: 15
269 <211> LENGTH: 692
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276 tcagtatttt ttttatttct atgcaaaagt atgccttcaa actgcttaaa tgatatatga 180
277 tatgatacac aaaccagttt tcaaatagta aagccagtca tcttgcaatt gtaagaaata 240
278 ggtaaaagat tataagacac cttacacaca cacacacaca cacacacgtg tgcacgcaa 300
279 tgacaaaaaa caatttgccc tctcctaaaa taagaacatg aagaccctta attgctgcca 360
280 ggaggggaaca ctgtgtcacc cctccctaca atccaggtag ttccctttaa tccaatagca 420
281 aatctgggca tatttgagag gagtgttct gacagccacg ttgaaatcct gtggggaaac 480
282 attcatgtcc acccactggt gccctgaaaa aatgccaaata atttttctg cccacttctg 540
283 ctgctgtctc ttccacatcc tcacatagac ccagaccgc ctggccctg gctgggcatc 600
284 gcattgtctg tagagcaagt cataggtctc gtctttgacg tcacagaagc gatacaccaa 660

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**Please Note:**

Use of n and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the <220> to <223> fields of each sequence which presents at least one n or Xaa.



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Input Set : A:\462c4.app  
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L:18 M:270 C: Current Application Number differs, Wrong Format  
L:89 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:4  
L:90 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:4  
L:159 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:8  
L:180 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:9  
L:266 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:14  
L:326 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:17  
L:348 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:18  
L:426 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:22  
L:428 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:22  
L:466 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:24  
L:467 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:24  
L:486 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:25  
L:523 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:27  
L:640 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:34  
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L:654 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:35  
L:690 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:37  
L:844 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:47  
L:949 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:53  
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L:1009 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:56  
L:1010 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:56  
L:1011 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:56  
L:1179 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:67  
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L:1388 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:78  
L:1393 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:78  
L:1417 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:80  
L:1453 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:82  
L:1587 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:89  
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L:2203 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:125  
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L:2223 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:126  
L:2224 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:126  
L:2308 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:132

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Input Set : A:\462c4.app

Output Set: N:\CRF3\08162000\I636801.raw

L:2422 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:138  
L:2443 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:139  
L:2456 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:140